AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A loudspeaker device comprising:

a power amplifier for receiving an input signal via a subtracter;

a speaker unit for reproducing an output signal of ~~the~~ said power amplifier;

an acoustic pipe coupled in ~~the~~ front of ~~the~~ said speaker unit for guiding sound waves reproduced by ~~the~~ said speaker unit;

a microphone for detecting acoustic outputs radiated from ~~the~~ said speaker unit;

a microphone amplifier for amplifying an acoustic output signal detected by ~~the~~ said microphone; and

a negative feedback circuit,

wherein ~~the~~ said negative feedback circuit is formed by connecting an acoustic output signal of ~~the~~ said microphone amplifier to ~~the~~ said subtracter and at the same time by connecting the acoustic output signal of ~~the~~ said microphone amplifier to ~~the~~ said subtracter via a high-pass filter, and

wherein a cutoff frequency of said high-pass filter is matched with a resonance frequency of said acoustic pipe.

2. (Canceled)

3. (Currently Amended) A loudspeaker device comprising:

a power amplifier for receiving an input signal via a subtracter;

a speaker unit for reproducing an output signal of ~~the~~ said power amplifier;

an acoustic pipe coupled in ~~the~~ front of ~~the~~ said speaker unit for guiding sound waves reproduced by ~~the~~ said speaker unit;

a microphone for detecting acoustic outputs radiated from ~~the~~ said speaker unit;

a microphone amplifier for amplifying an acoustic output signal detected by ~~the~~ said microphone; and

a negative feedback circuit,

wherein [[a]] said negative feedback circuit is formed by connecting an acoustic output signal of ~~the~~ said microphone amplifier to ~~the~~ said subtracter via a ~~primary~~ -6 dB/oct. high-pass filter and a ~~secondary~~ -12 dB/oct. high-pass filter ~~filters~~ connected in parallel, and

wherein a cutoff frequency of said -12 dB/oct high-pass filter is matched with a resonance frequency of said acoustic pipe.

4. (Currently Amended) A loudspeaker device comprising:

a power amplifier for receiving an input signal via a subtracter;

a speaker unit for reproducing an output signal of ~~the~~ said power amplifier;

an acoustic pipe coupled in ~~the~~ front of ~~the~~ said speaker unit for guiding the sound waves;

a microphone for detecting acoustic outputs radiated from ~~the~~ said speaker unit;

a microphone amplifier for amplifying an acoustic output signal detected by ~~the~~ said microphone; and

a negative feedback circuit,

wherein ~~the~~ said negative feedback circuit is formed by connecting an acoustic output signal of ~~the~~ said microphone amplifier to ~~the~~ said subtracter via a ~~secondary~~ -12 dB/oct. high-pass filter connected in parallel with one of a ~~primary~~ -6 dB/oct. low-pass filter and a ~~secondary~~ -12 dB/oct. low-pass filter, and

wherein a cutoff frequency of said -12 dB/oct. high-pass filter is matched with a resonance frequency of said acoustic pipe.